

UDO HÖLKER  
KREISLER 1101-KGB

52 through the reaction medium.

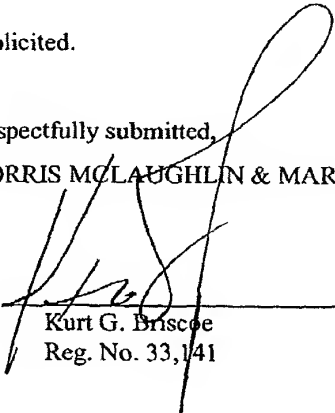
51. The method according to claim 44, wherein said reaction is performed in a bioreactor (1) comprising a fermentation vessel (2), a charging means for bioreactive substances, and a nozzle arrangement within said fermentation vessel (2) for aeration and thorough mixing of the substrates, wherein the at least one nozzle arrangement (10, 20) has a multitude of pipes (14, 24) extending in parallel into the reaction space (49) of the fermentation vessel (2) and provided with nozzles (16, 28), wherein a first, vertically extending nozzle arrangement (10) can be extended into and retracted from the reaction space (49) of the fermentation vessel (2), characterized by a second, horizontal nozzle arrangement with at least one pipe having nozzle orifices and extending horizontally through the reaction space.

#### REMARKS

Applicant begins the examination from the claim 1-25 submitted under Article 19 on August 24, 2001. Those claims are now canceled and replaced with new claims 26-51, which are believed to be in the form appropriate for substantive U.S. examination.

Early and favorable action is earnestly solicited.

Respectfully submitted,  
NORRIS MCLAUGHLIN & MARCUS, P.A.

By   
Kurt G. Briscoe  
Reg. No. 33,141

KGB:ja  
220 East 42<sup>nd</sup> Street  
30<sup>th</sup> Floor  
New York, New York 10017  
Tel.: (212) 808-0700  
Fax: (212) 808-0844